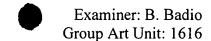
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29. [Amended] A pharmaceutical composition of any one of claims 1, 2, 4-7 or 30-51[through 19].

Please add new claims 30-51:

- New) A compound of claim 1, wherein said compound is 5-propionate-9-t-butyl doxycycline.
 - 31. (New) A compound of claim 1, wherein said compound is 9-chloro-t-butyl-5-propionate doxycycline.
 - 32. (New) A compound of claim 1, wherein said compound is 9-t-butyl-6-alphadeoxy-5 -formyloxy-tetracycline.
 - 33. (New) A compound of claim 1, wherein said compound is 9-t-butyl-6-alphadeoxy-5-acetoxy-tetracycline.
 - 34. (New) A compound of claim 1, wherein said compound is 9-t-butyl-6-alphadeoxy-5-propionyloxy-tetracycline.
 - 35. (New) A compound of claim 1, wherein said compound is 9-t-butyl-6-alphadeoxy-5 -phenylcarbonyloxy-tetracycline.
 - 36. (New) A compound of claim 1, wherein said compound is 9-t-butyl-6-alphadeoxy-5 -benzylcarbonyloxy-tetracycline.
 - 37. (New) A compound of claim 1, wherein said compound is 9-t-butyl-6-alphadeoxy-5 -dimethylaminocarbonyloxy-tetracycline.
 - 38. (New) A compound of claim 1, wherein said compound is 9-t-butyl-6-alphadeoxy-5-cyclopentylcarbonyloxy-tetracycline.
 - 39. (New) A compound of claim 1, wherein said compound is 9-t-butyl-6-alphadeoxy-5-cyclobutylcarbonyloxy-tetracycline.

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- 40. (New) A compound of claim 1, wherein said compound is 9-t-butyl-6-alphadeoxy-5 -cyclohexylcarbonyloxy-tetracycline.
- 41. (New) A compound of claim 1, wherein said compound is 9-t-butyl-6-alphadeoxy-5 -cycloheptylcarbonyloxy-tetracycline.
- 42. (New) A compound of claim 1, wherein said compound is 9-[(dimethylamino)-t-butyl]-6-alpha-deoxy-5-formyloxy-tetracycline.
- 43. (New) A compound of claim 1, wherein said compound is 9-[(dimethylamino)-t-butyl]-6-alpha-deoxy-5 -acetoxy-tetracycline.
- 44. (New) A compound of claim 1, wherein said compound is 9-[(dimethylamino)-t-butyl]-6-alpha-deoxy-5-propionylcarbonyloxy-tetracycline.
- 45. / (New) A compound of claim 1, wherein said compound is 9-[(dimethylamIno)-t-bytyl]-6-alpha-deoxy-5-phenylcarbonyloxy-tetracycline.
- 46. (New) A compound of claim 1, wherein said compound is 9-[(dimethylamino)-t-butyl] -6-alpha-deoxy-5-benzylcarbonyloxy-tetracycline.
- 47. (New) A compound of claim 1, wherein said compound is 9-[(dimethylamino)-t-butyl]-6-alpha-deoxy-5 -dimethylaminocarbonyloxy-tetracycline.
- 48. (New) A compound of claim 1, wherein said compound is 9-[(dimethylamino)-t-butyl]-6-alpha-deoxy-5-cyclopentylcarbonyloxy-tetracycline.
- 49. (New) A compound of claim 1, wherein said compound is 9-[(dimethylamino)-t-butyl]-6-alpha-deoxy-5-cyclobutylcarbonyloxy-tetracycline.
- 50. (New) A compound of claim 1, wherein said compound is 9-[(dimethylamino)-t-butyl]-6-alpha-deoxy-5-cyclohexylcarbonyloxy-tetracycline.
- 51. (New) A compound of claim 1, wherein said compound is 9-[(dimethylamino)-t-butyl]-6-alpha-deoxy-5-cycloheptylcarbonyloxy-tetracycline.

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